

METHODS FOR DYNAMICALLY ACCESSING, PROCESSING, AND PRESENTING DATA ACQUIRED FROM DISPARATE DATA SOURCES

5

ABSTRACT OF THE DISCLOSURE

Methods for acquiring and transforming data for business analysis, and computer
10 readable media having program instructions for enabling the same are provided. One
exemplary method identifies a set of data sources to be accessed for a user, loads the raw
data from each of the accessed set of data sources to raw data type specific locations then
verifies the integrity of the acquired raw data. Next the acquired raw data of each of the
raw data type specific locations is transformed to a uniform data type and then stored as
15 processed data into processed data type specific locations. Some notable advantages of
the discussed methods of acquiring and presenting data for business analysis purposes is
the ability to efficiently extract, organize and present the data as requested by a customer
over a world wide computer network. Examples of such efficiency include the ability to
convert data acquired from disparate sources to a uniform format, thus allowing
20 centralization of the data and eliminating the need to continually access various data
sources to provide requested reports. The customer can thus be provided with dynamic
reports in real-time, thereby allowing for time sensitive and mission critical business
decisions to be made with current data.